

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S37	1	(US-20030053638-\$).dld.	US-PGRUB	OR	OFF	2009/12/29 12:15
S38	7	("2003/0053638").URPN.	USPAT	OR	OFF	2009/12/29 12:16
S39	12	("20030012389"   "20030053638"   "20030215102"   "5108335"   "5420931"   "5661811"   "6014381"   "6148253"   "6330337"   "6407733"   "6694236").PN. OR ("7190798").URPN.	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/29 12:23
S40	160	(vehicle car automobile) and ((front near4 (speaker output transducer) near12 (mut\$3 disabl\$3 "off" )) and mode	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/29 12:27
S41	2680	(381/386,389,300,302,86).CQLS.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/12/29 12:27
S42	1708	(340/426.34,568.1).CQLS.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/12/29 12:27
S43	316	(715/714,717,718).CQLS.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/12/29 12:27
S44	356	(181/144).CQLS.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/12/29 12:27
S45	2460	(455/344-346,352).CQLS.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/12/29 12:27
S46	0	("4and(56789)").PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/12/29 12:28
S47	13	S40 and (S41 S42 S43 S44 S45)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/29 12:28

S48	0	((headphone near8 "on") same (speaker near8 "OFF"))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/29 12:40
S49	0	((headphone near8 "on") same (speaker near8 (mut\$3 "OFF"))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/29 12:40
S50	0	((headphone near8 "on") same (speaker near8 (disabl\$3 mut\$3 "OFF"))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/29 12:40
S51	0	((earphone headphone headset) near8 "on") same (speaker near8 (disabl\$3 mut\$3 "OFF"))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/29 12:41
S52	0	((earphone headphone headset rear) near8 "on") same (speaker near8 (disabl\$3 mut\$3 "OFF"))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/29 12:41
S53	74	((earphone headphone headset rear) near8 (enabl\$3 "on")) same (speaker near8 (disabl\$3 mut\$3 "OFF"))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/29 12:41
S54	5	S53 and (S41 S42 S43 S44 S45)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/29 12:41
S55	39	(S53 not S54) and @ad<="20020926"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2009/12/29 12:43
S56	18	(vehicle car automobile) and (detect \$3 near15 (headset headphone) near8 insert\$4)	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/29 12:53
S57	2	S56 and (S41 S42 S43 S44 S45)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/29 12:53

S58	1	(detect\$3 near15 (headset headphone) near8 insert\$4) and ((front near4 (speaker output transducer)) near12 (mut\$3 disabl\$3 "off" ))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/29 12:54
S59	4	(( (headset headphone) near8 insert \$4) and ((front near4 (speaker output transducer)) near12 (mut\$3 disabl\$3 "off" ))	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/29 13:33
S60	18	("4400581"   "5056148"   "5246378"   "5655025"   "5701347"   "5764512"   "5822406"   "5832438"   "5854736"   "5910991"   "6126332").PN. OR ("6321278").URPN.	US-PGRUB; USPAT; USOCR	OR	OFF	2009/12/29 13:37
S61	605	(vehicle car automobile) and (volume same (connection near5 (situation arrangement)))	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/29 13:40
S62	4	S61 and (S41 S42 S43 S44 S45)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/29 13:40
S63	186	(vehicle car automobile) and (( (headset headphone) near8 ("on" enabl\$3 insert\$4)) same (mut\$3 disabl\$3 "off" ))	US-PGRUB; USPAT; USOCR	OR	ON	2009/12/29 13:46
S64	7	S63 and (S41 S42 S43 S44 S45)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/29 13:47

**EAST Search History (1 interference)**

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